

CLAIMS

What is claimed is:

- 1        1. A method for implementing response buffering in a portal server,  
2 comprising:
  - 3            receiving a request from a client device for content;
  - 4            identifying for the type of the client device by processing the request;
  - 5            buffering the content in accordance with the type of the client device; and
  - 6            transmitting the content to the client device in response to request,  
7 wherein the content is formatted in accordance with the type of the client  
8 device.
- 9
- 1        2. The method of claim 1 wherein the content is formatted by segmenting  
2 the content in accordance with the type of the client device.
- 3
- 1        3. The method of claim 2 wherein buffering the content in accordance  
2 with the type of the client device includes buffering the content into a plurality  
3 of segments and transmitting the segments to the client device.
- 4
- 1        4. The method of claim 1 further comprising:
  - 2            buffering the content into a plurality of pages, wherein the pages are sized  
3 in accordance with the requirements of the client device.
- 4
- 1        5. The method of claim 4 wherein the pages are sized in accordance with a  
2 response size constraint of the client device.
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1       6. The method of claim 1 further comprising:  
2           controlling access to buffered response content for the client device.

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1       7. The method of claim 6 further comprising:  
2           invalidating buffered response content for the client device when a session  
3       for the client device ends.

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1       8. The method of claim 1 further comprising:  
2           buffering the content for the client device by using a cache memory.

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1       9. A system for implementing response buffering in a portal server,  
2       comprising:

3           a computer system including a processor and a memory, the memory  
4       having computer readable code which when executed by the processor cause the  
5       computer system to perform a method comprising:

6           receiving a request from a client device for content;

7           identifying for the type of the client device by processing the request;

8           buffering the content in accordance with the type of the client device; and

9           transmitting the content to the client device in response to request,

10       wherein the content is formatted in accordance with the type of the client  
11       device.

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1       10. The system of claim 9 wherein the content is formatted by  
2       segmenting the content in accordance with the type of the client device.

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1        11. The system of claim 10 wherein buffering the content in accordance  
2 with the type of the client device includes buffering the content into a plurality  
3 of segments and transmitting the segments to the client device.

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1        12. The system of claim 9 further comprising:

2        buffering the content into a plurality of pages, wherein the pages are sized  
3 in accordance with the requirements of the client device.

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1        13. The system of claim 12 wherein the pages are sized in accordance with  
2 a response size constraint of the client device.

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1        14. The system of claim 9 further comprising:

2        controlling access to buffered response content for the client device.

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1        15. The system of claim 14 further comprising:

2        invalidating buffered response content for the client device when a session  
3 for the client device ends.

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1        16. The system of claim 9 further comprising:

2        buffering the content for the client device by using a cache memory.

3  
1        17. A computer readable media for implementing response buffering in a  
2 portal server, the media having computer readable code which when executed  
3 by a processor of a computer system cause the computer system to implement a  
4 method comprising:

5        receiving a request from a client device for content;

6        identifying for the type of the client device by processing the request;

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7           buffering the content in accordance with the type of the client device; and  
8           transmitting the content to the client device in response to request,  
9       wherein the content is formatted in accordance with the type of the client  
10      device.

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1           18. The computer readable media of claim 17 wherein the content is  
2       formatted by segmenting the content in accordance with the type of the client  
3       device.

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1           19. The computer readable media of claim 18 wherein buffering the  
2       content in accordance with the type of the client device includes buffering the  
3       content into a plurality of segments and transmitting the segments to the client  
4       device.

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1           20. The computer readable media of claim 17 further comprising:  
2           buffering the content into a plurality of pages, wherein the pages are sized  
3       in accordance with the requirements of the client device.

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1           21. The computer readable media of claim 20 wherein the pages are sized  
2       in accordance with a response size constraint of the client device.

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1           22. The computer readable media of claim 17 further comprising:  
2           controlling access to buffered response content for the client device.

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1           23. The computer readable media of claim 22 further comprising:  
2           invalidating buffered response content for the client device when a session  
3       for the client device ends.

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1        24. The computer readable media of claim 17 further comprising:  
2            buffering the content for the client device by using a cache memory.